

=> b reg  
FILE 'REGISTRY' ENTERED AT 08:46:13 ON 01 NOV 2007  
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STRUCTURE FILE UPDATES: 30 OCT 2007 HIGHEST RN 952091-02-0  
DICTIONARY FILE UPDATES: 30 OCT 2007 HIGHEST RN 952091-02-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

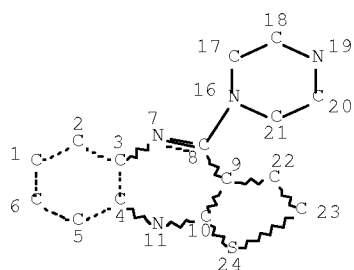
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> d que sta l8

L6 STR



NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
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NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE

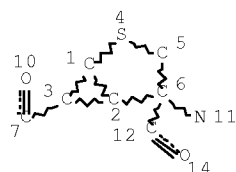
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100.0% PROCESSED 1018 ITERATIONS  
SEARCH TIME: 00.00.01

770 ANSWERS

=> d que sta l13

L11 STR



NODE ATTRIBUTES:  
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STEREO ATTRIBUTES: NONE

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64 ANSWERS

SEARCH TIME: 00.00.01

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FILE 'HCAPLUS' ENTERED AT 08:47:12 ON 01 NOV 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 1 Nov 2007 VOL 147 ISS 19

FILE LAST UPDATED: 31 Oct 2007 (20071031/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d bib abs hitstr l18 tot

L18 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:818322 HCAPLUS Full-text

DN 139:302068

TI Therapy for psychoses combining an atypical antipsychotic and an mGlu2/3 receptor agonist

IN Johnson, Bryan Glenn; Schoepp, Darryle Darwin

PA Eli Lilly and Company, USA

SO PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA---2478227	A1	20031016	2003CA-2478227	20030321
	AU2003218063	A1	20031020	2003AU-0218063	20030321
	EP---1492595	A1	20050105	2003EP-0714045	20030321
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP2005528378	T	20050922	2003JP-0581846	20030321
	US2005192273	A1	20050901	2004US-0509772	20040928
PRAI	2002US-369771P	P	20020403		
	2002US-369797P	P	20020403		

2003WO-US07283 W 20030321

AB The invention provides a pharmaceutical composition and methods for treating psychosis comprising the combination of a first component which is an atypical antipsychotic with a second component which is a mGlu2/3 receptor agonist. The invention also provides a pharmaceutical composition and method of treating a psychiatric disorder comprising the combination of a first component which is an atypical antipsychotic with a second component which is a compound which allosterically enhances receptor activity for mGlu2 and/or mGlu3.

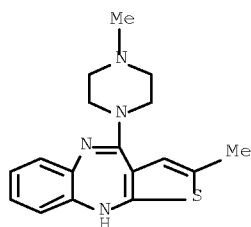
IT 132539-06-1, Olanzapine 611168-14-0, LY 404039  
611168-15-1 611168-20-8 611168-21-9  
611168-22-0 611168-23-1

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)

(atypical antipsychotic-mGlu2/3 receptor agonist combination for  
treatment of psychoses and psychiatric disorders)

RN 132539-06-1 HCAPLUS

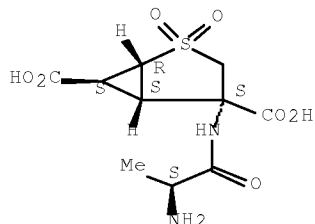
CN 10H-Thieno[2,3-b][1,5]benzodiazepine, 2-methyl-4-(4-methyl-1-piperazinyl)-  
(CA INDEX NAME)



RN 611168-14-0 HCAPLUS

CN 2-Thiabicyclo[3.1.0]hexane-4,6-dicarboxylic acid, 4-[[[(2S)-2-amino-1-oxopropyl]amino]-, 2,2-dioxide, (1R,4S,5S,6S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 611168-15-1 HCAPLUS

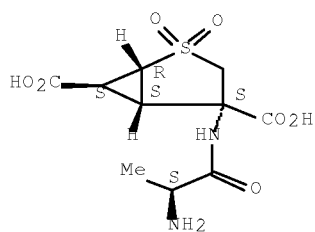
CN 2-Thiabicyclo[3.1.0]hexane-4,6-dicarboxylic acid, 4-[[[(2S)-2-amino-1-oxopropyl]amino]-, 2,2-dioxide, (1R,4S,5S,6S)-, mixt. with  
8-chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e][1,4]diazepine (9CI)  
(CA INDEX NAME)

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CRN 611168-14-0

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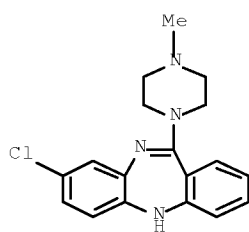
Absolute stereochemistry.



CM 2

CRN 5786-21-0

CMF C18 H19 Cl N4



RN 611168-20-8 HCAPLUS

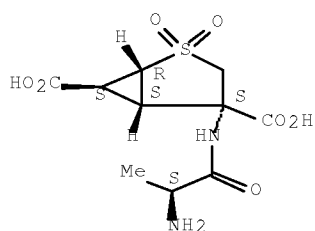
CN 2-Thiabicyclo[3.1.0]hexane-4,6-dicarboxylic acid, 4-[(2S)-2-amino-1-oxopropyl]amino]-, 2,2-dioxide, (1R,4S,5S,6S)-, mixt. with 2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine (9CI) (CA INDEX NAME)

CM 1

CRN 611168-14-0

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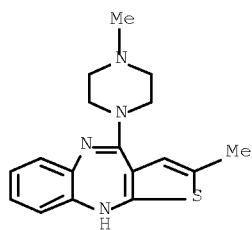
Absolute stereochemistry.



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CRN 132539-06-1

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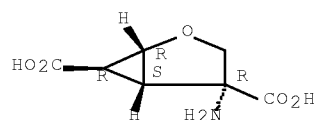
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 CN 2-Oxabicyclo[3.1.0]hexane-4,6-dicarboxylic acid, 4-amino-, (1R,4R,5S,6R)-, mixt. with 2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine (9CI) (CA INDEX NAME)

CM 1

CRN 191471-52-0

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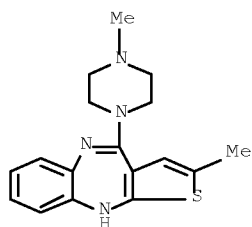
Absolute stereochemistry. Rotation (-).



CM 2

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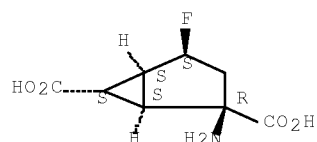
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 CN Bicyclo[3.1.0]hexane-2,6-dicarboxylic acid, 2-amino-4-fluoro-, (1S,2R,4S,5S,6S)-, mixt. with 2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine (9CI) (CA INDEX NAME)

CM 1

CRN 611168-17-3

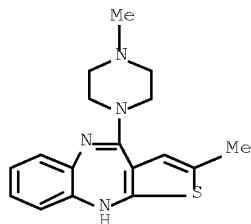
CMF C8 H10 F N O4

Absolute stereochemistry.



CM 2

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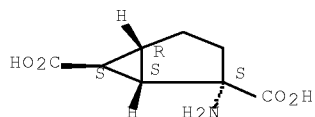


RN 611168-23-1 HCAPLUS  
CN Bicyclo[3.1.0]hexane-2,6-dicarboxylic acid, 2-amino-, (1S,2S,5R,6S)-, mixt. with 2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine (9CI) (CA INDEX NAME)

CM 1

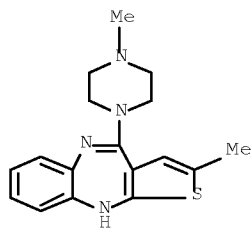
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CMF C8 H11 N O4

Absolute stereochemistry. Rotation (+).



CM 2

CRN 132539-06-1  
CMF C17 H20 N4 S



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> b uspatall  
FILE 'USPATFULL' ENTERED AT 08:47:30 ON 01 NOV 2007  
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FILE 'USPATOLD' ENTERED AT 08:47:30 ON 01 NOV 2007  
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

=> d bib abs hitstr 120 tot

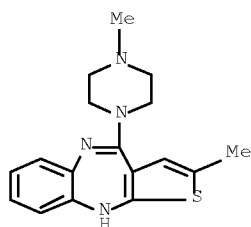
L20 ANSWER 1 OF 1 USPATFULL on STN  
AN 2005:221536 USPATFULL Full-text  
TI Therapy for psychoses combining an atypical antipsychotic and an mglu2/3  
receptor agonist  
IN Johnson, Bryan Glenn, Indianapolis, IN, UNITED STATES  
Schoepp, Darryle, Darwin, Indianapolis, IN, UNITED STATES  
PI US-20050192273 A1 20050901  
AI 2003US-000509772 A1 20030321 (10)  
2003WO-US0007283 20030321  
20040928 PCT 371 date  
PRAI 2002US-000369771P 20020403 (60)  
DT Utility  
FS APPLICATION  
LREP ELI LILLY AND COMPANY, PATENT DIVISION, P.O. BOX 6288, INDIANAPOLIS, IN,  
46206-6288, US  
CLMN Number of Claims: 22  
ECL Exemplary Claim: 1  
DRWN 8 Drawing Page(s)  
LN.CNT 904

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides for a pharmaceutical composition and methods for treating  
psychosis comprising the combination of a first component which is an atypical antipsychotic with  
a second component which is a mGlu2/3 receptor agonist. The present invention also provides for a  
pharmaceutical composition and method of treating a psychiatric disorder comprising the  
combination of a first component which is an atypical antipsychotic with a second component which  
is a compound which allosterically enhances receptor activity for mGlu2 and/or mGlu3.

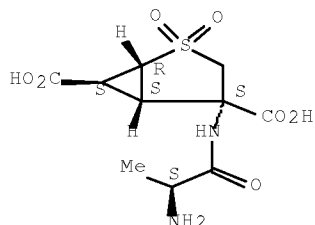
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 132539-06-1, Olanzapine 611168-14-0, LY 404039  
611168-15-1 611168-20-8 611168-21-9  
611168-22-0 611168-23-1  
(atypical antipsychotic-mGlu2/3 receptor agonist combination for  
treatment of psychoses and psychiatric disorders)  
RN 132539-06-1 USPATFULL  
CN 10H-Thieno[2,3-b][1,5]benzodiazepine, 2-methyl-4-(4-methyl-1-piperazinyl)-  
(CA INDEX NAME)



RN 611168-14-0 USPATFULL  
CN 2-Thiabicyclo[3.1.0]hexane-4,6-dicarboxylic acid, 4-[[[(2S)-2-amino-1-oxopropyl]amino]-, 2,2-dioxide, (1R,4S,5S,6S)- (CA INDEX NAME)

Absolute stereochemistry.

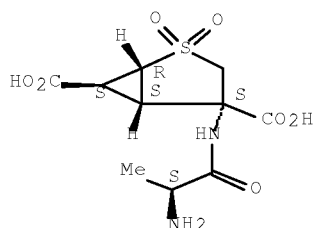


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 8-chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e][1,4]diazepine (9CI)  
 (CA INDEX NAME)

CM 1

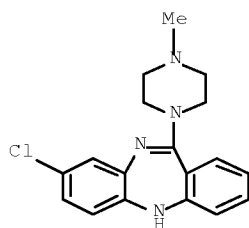
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 CMF C10 H14 N2 O7 S

Absolute stereochemistry.



CM 2

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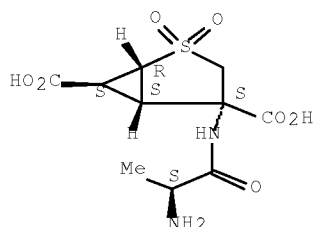


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 2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine (9CI) (CA INDEX NAME)

CM 1

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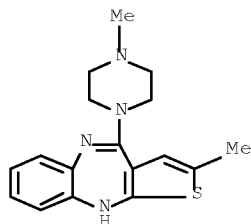
Absolute stereochemistry.





CM 2

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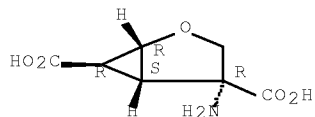


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CN 2-Oxabicyclo[3.1.0]hexane-4,6-dicarboxylic acid, 4-amino-, (1R,4R,5S,6R)-, mixt. with 2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine (9CI) (CA INDEX NAME)

CM 1

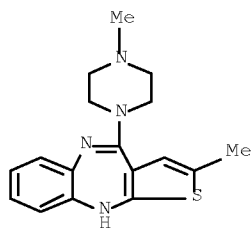
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Absolute stereochemistry. Rotation (-).



CM 2

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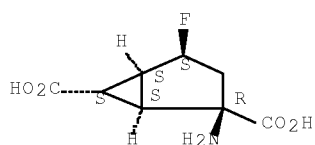


RN 611168-22-0 USPATFULL  
CN Bicyclo[3.1.0]hexane-2,6-dicarboxylic acid, 2-amino-4-fluoro-, (1S,2R,4S,5S,6S)-, mixt. with 2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine (9CI) (CA INDEX NAME)

CM 1

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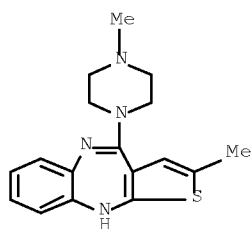
Absolute stereochemistry.



CM 2

CRN 132539-06-1

CMF C17 H20 N4 S



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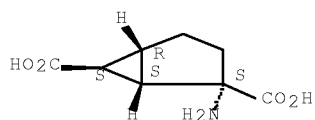
CN Bicyclo[3.1.0]hexane-2,6-dicarboxylic acid, 2-amino-, (1S,2S,5R,6S)-, mixt. with 2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine (9CI) (CA INDEX NAME)

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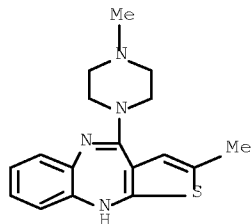
Absolute stereochemistry. Rotation (+).



CM 2

CRN 132539-06-1

CMF C17 H20 N4 S



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FILE 'HCAPLUS' ENTERED AT 08:10:48 ON 01 NOV 2007
L2      1 US20050192273/PN

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L3      TRA L2 1- RN :      14 TERMS

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L5      1 L1 AND L4
L6      STR
L7      39 L6
L8      770 L6 FULL
        SAV TEM J772C11/A L8
L9      STR
L10     4 L9
L11     STR L9
L12     4 L11
L13     64 L11 FULL
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L15     1 L14 AND L8

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L18     1 L16 AND L17

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L19     0 L8 AND L13

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L20     1 L8 AND L13

FILE 'BIOSIS' ENTERED AT 08:28:17 ON 01 NOV 2007
L21     0 L8 AND L13

FILE 'MEDLINE' ENTERED AT 08:28:25 ON 01 NOV 2007
L22     0 L8 AND L13

FILE 'EMBASE' ENTERED AT 08:28:30 ON 01 NOV 2007
L23     0 L8 AND L13

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